

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100518\
 Data File : VW005856.D
 Acq On : 04 Oct 2018 15:00
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02592

Quant Time: Oct 05 01:13:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 07:04:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	288552	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	274135	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	147095	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71265	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
7) Chloroethane-d5	2.90	69	59842	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
10) 1,1-Dichloroethene-d2	4.01	63	172151	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.72%
20) 2-Butanone-d5	7.09	46	60448	51.19	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
24) Chloroform-d	7.65	84	179135	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	8.31	65	108850	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.96%
29) Benzene-d6	8.27	84	326184	24.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.16%
33) 1,2-Dichloropropane-d6	9.28	67	94117	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	10.33	98	309321	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.36%
38) trans-1,3-Dichloropropene-	10.58	79	47209	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.68%
39) 2-Hexanone-d5	10.93	63	49507	53.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	98498	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	126045	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	75242	22.237	ug/L	92
3) Chloromethane	2.21	50	63720	20.217	ug/L	97
5) Vinyl chloride	2.37	62	101940	22.431	ug/L	99
6) Bromomethane	2.79	94	60027	21.953	ug/L	99
8) Chloroethane	2.93	64	58553	23.172	ug/L	98
9) Trichlorofluoromethane	3.26	101	76991	22.172	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	96013	24.476	ug/L	99
12) 1,1-Dichloroethene	4.03	96	87303	23.302	ug/L	94
13) Acetone	4.15	43	54093	43.987	ug/L	67
14) Carbon disulfide	4.37	76	249449	21.235	ug/L	99
15) Methyl Acetate	4.68	43	52276	23.953	ug/L	100
16) Methylene chloride	4.92	84	95243	20.019	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	142987	23.986	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	89466	23.219	ug/L	95
19) 1,1-Dichloroethane	6.21	63	171697	24.082	ug/L	99
21) 2-Butanone	7.18	43	70568	47.916	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	101792	24.304	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	47280	24.323	ug/L	96
25) Chloroform	7.68	83	189090	24.788	ug/L	99
27) 1,2-Dichloroethane	8.40	62	136254	24.259	ug/L	99
30) Cyclohexane	7.96	56	151452	24.376	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	165018	24.581	ug/L	100
32) Carbon tetrachloride	8.07	117	157528	24.097	ug/L	99
34) Benzene	8.33	78	384763	24.840	ug/L	100
35) Trichloroethene	9.09	95	99404	23.988	ug/L	98
36) Methylcyclohexane	9.34	83	172956	24.003	ug/L	99
40) 1,2-Dichloropropane	9.37	63	95265	25.237	ug/L	98
41) Bromodichloromethane	9.65	83	131286	24.737	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	153763	24.666	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	148453	48.191	ug/L	98
44) Toluene	10.39	91	423805	24.484	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	143086	24.650	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	78773	25.008	ug/L	97
47) Tetrachloroethene	10.87	164	88562	24.258	ug/L	97
49) 2-Hexanone	10.98	43	109959	50.851	ug/L	98
50) Dibromochloromethane	11.13	129	99534	25.195	ug/L	98
51) 1,2-Dibromoethane	11.24	107	75051	24.645	ug/L	96
52) Chlorobenzene	11.66	112	279490	24.544	ug/L	98
53) Ethylbenzene	11.74	91	497918	25.123	ug/L	99
54) m,p-Xylene	11.84	106	187031	25.049	ug/L	98
55) o-xylene	12.17	106	178929	25.424	ug/L	96
56) Styrene	12.19	104	316227	25.604	ug/L	99
57) Isopropylbenzene	12.47	105	509375	25.340	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	103495	25.756	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	82994	25.444	ug/L	99
62) Bromoform	12.35	173	64889	24.807	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	228824	24.490	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	240329	24.630	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	221537	24.641	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	20699	24.214	ug/L	93
67) 1,3,5-Trichlorobenzene	14.64	180	185909	24.243	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	156433	24.833	ug/L	99
69) Naphthalene	15.38	128	326571	25.873	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	147762	25.028	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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